

CLEAN ENERGY FUNDING OPPORTUNITIES

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Send questions, comments, corrections or additions to maria.redmond@wisconsin.gov

*Click on opportunity title to access additional information

WISCONSIN OPPORTUNITIES

ENERGY COST ASSISTANCE

[Wisconsin Home Energy Assistance Program](#)

The Wisconsin Home Energy Assistance Program (WHEAP) administers the federally funded Low Income Home Energy Assistance Program (LIHEAP) and Public Benefits Energy Assistance Program. LIHEAP and its related services help approximately 230,000 Wisconsin households annually.

[Wisconsin Weatherization Assistance Program](#)

The Wisconsin Weatherization Assistance Program (WisWAP) uses energy conservation techniques to reduce the cost of home energy. Correcting health and safety hazards and potentially life-threatening conditions is the first consideration in WAP activities.

STATE GRANT AND LOAN PROGRAMS

****DUE SOON**** [Wisconsin's Refueling Readiness Plan](#) - Responses due June 12, 2015

The Wisconsin Emergency Management Division and the Department of Administration will provide assistance to petroleum marketers and municipal and county fleet operations in small wiring projects that enable the facility to accept a generator in an emergency.

****DUE SOON**** [Congestion Mitigation and Air Quality Improvement Program](#) - Responses due June 19, 2015

The Wisconsin Department of Transportation - Congestion Mitigation and Air Quality Improvement program (CMAQ) encourages transportation projects that improve air quality. It includes efforts to enhance public transit, bicycle/pedestrian facilities, ridesharing programs and facilities, and technologies that improve traffic flow and vehicle emissions. CMAQ funds are only available in these southeastern and northeastern Wisconsin non-attainment and maintenance counties: Milwaukee, Racine, Kenosha, Waukesha, Washington, Ozaukee, Walworth, Sheboygan, Kewaunee, Manitowoc and Door.

****NEW**** [Knowles-Nelson Stewardship Grant](#) - Applications due August 3, 2015

The Wisconsin Department of Natural Resources helps to fund land acquisition and recreational development statewide.

[Clean Energy Manufacturing Revolving Loan Fund](#) - Applications accepted on a Continuous Basis

Wisconsin's Clean Energy Manufacturing Revolving Loan Fund (CERLF), a program jointly managed by the Wisconsin Economic Development Corporation (WEDC) and the Wisconsin Department of Administration (DOA), makes low interest financing available to companies to invest in energy efficiency and waste reduction projects.

[Board of Commissioners of Public Lands \(BCPL\) State Trust Fund Loan Program](#) - Applications Accepted on a Continuous Basis

The BCPL State Trust Fund Loan Program finances community & school projects; and are typically used for: 1) School repairs & improvements; 2) Local infrastructure projects; and 3) Local economic development through TIF districts & downtown revitalization projects.

[Notice of Intent/Discharge Cost-Share Grants](#) - Applications Accepted on a Continuous Basis

The Wisconsin Department of Natural Resources (DNR) and the Department of Agriculture, Trade and Consumer Protection (DATCP) offer cost-share funding grants to governmental units working with owners and operators of livestock operations to meet pollution control requirements imposed by the DNR.

[Environmental Improvement Funds \(EIF\) Loans Program](#) - Check Web Site for Deadlines

The Wisconsin Department of Natural Resources and Department of Administration co-administer program funding for two environmental financing programs for local governments: 1) the Clean Water Fund Program, and 2) the Safe Drinking water Loan Program.

CLEAN ENERGY FUNDING OPPORTUNITIES

[Hazardous Substance Loans and Grants](#) – *Applications Accepted on a Continuous Basis*

The Wisconsin Department of Natural Resources offers loans and grant funds can be used for eligible costs incurred for cleanup of contamination from hazardous substances or hazardous substances commingled with petroleum.

[Petroleum Loans and Grants](#) – *Applications Accepted on a Continuous Basis*

The Wisconsin Department of Natural Resources offers loans and grant funds can be used for eligible costs incurred for cleanup of contamination from petroleum or petroleum products commingled with hazardous substance.

[Transportation Economic Assistance \(TEA\)](#) – *Applications Accepted on a Continuous Basis*

The Wisconsin Department of Transportation provides 50% state grants to governing bodies, private businesses, and consortiums for road, rail, harbor and airport projects that help attract employers to Wisconsin, or encourage business and industry to remain and expand in the state.

STATE TAX INCENTIVES

[Alternative Fuel Tax Refund for Taxis](#) – *Claims Accepted on a Continuous Basis*

A person using alternative fuel to operate a taxi used to transport passengers may be reimbursed for the paid amount of the Wisconsin state fuel tax.

[Alternative Fuel Tax Exemption](#) – *Claims Accepted on a Continuous Basis*

No county, city, village, town, or other political subdivision may levy or collect any excise, license, privilege, or occupational tax on motor vehicle fuel or alternative fuels, or on the purchase, sale, handling, or consumption of motor vehicle fuel or alternative fuels.

[Renewable Fuel Producer Excise Tax and Inspection Exemption](#) – *Claims Accepted on a Continuous Basis*

No tax is imposed on the first 1,000 gallons of renewable fuel produced or converted from another purpose each year by an individual and used by that individual in his or her personal motor vehicle, if the individual does not sell any such renewable fuel during that year.

[Renewable Energy Sales Tax Exemption](#) – *Claims Accepted on a Continuous Basis*

The sales price from sales of fuel oil, propane, coal, steam, corn, and wood (including wood pellets which are 100% wood) used for fuel sold for residential use are exempt from sales or use tax.

[Vehicle Battery and Engine Research Tax Credits](#) – *Claims Accepted on a Continuous Basis*

Corporations are eligible for a tax credit equal to 10% of qualified research expenses incurred in Wisconsin during the taxable year for qualified research including automotive batteries used in hybrid electric vehicles equal to 5% of amount paid or incurred during the taxable year to construct & equip new facilities or expand existing facilities used in WI for qualified research.

LOCAL GOVERNMENT PROGRAMS

[City of Milwaukee Energy Efficiency \(Me²\) – Small Building Program](#) – *Applications Accepted on a Continuous Basis*

Me² provides free assessments to identify energy saving opportunities. The program helps you start saving energy and money right away with the immediate installation of energy-saving products for the small business owner. Receive up to \$7,500 in products, such as LED lighting, faucet aerators, and installation services.

[City of Milwaukee Energy Efficiency \(Me²\) Commercial Property Assessed Clean Energy \(PACE\) – Clean Energy Financing](#) – *Applications Accepted on a Continuous Basis*

Me² Property Assessed Clean Energy (PACE) Financing helps commercial property owners affordably finance building upgrades like heating and cooling systems, lighting, controls, and solar.

[Milwaukee Shines](#) – *Applications Accepted on a Continuous Basis*

Summit Credit Union in partnership with City of Milwaukee's solar program is offering up to \$2 million in low-interest solar loans for Milwaukee homeowners.

CLEAN ENERGY FUNDING OPPORTUNITIES

UTILITY PROGRAMS

[Focus on Energy - Renewable Rewards for Residential and Business](#) - *Applications Accepted on a Continuous Basis*

The Focus on Energy Renewable Rewards program provides prescriptive incentives available to both residential and business customers for PV (solar electric) and Ground Source Heat Pumps (GSHP or geothermal)

[Focus on Energy – New Homes Program](#) – *See Website for Additional Details*

The Focus on Energy New Homes Program pairs prospective homeowners with builders and energy experts to construct new homes that are between 10 and 100 percent more efficient than homes built to Wisconsin's Uniform Dwelling Code. They're built to be as comfortable, durable, combustion safe and energy efficient as possible.

[Focus on Energy – Design Assistance program](#) – *See Website for Additional Details*

The Focus on Energy Design Assistance Program provides design professionals, builders, developers and building owners with energy-saving options for the design of new buildings. In addition, the program offers incentives to design teams and to building owners, which can be used to reduce the upfront cost of high efficiency measures that exceed Wisconsin building code requirements.

[Focus on Energy](#) – *Check Web Site for Specific Deadline and Program Information*

Focus on Energy is Wisconsin utilities' statewide energy efficiency and renewable resource program. The information, resources and financial incentives are available to help implement energy saving projects that otherwise would not be completed, or to complete projects sooner than scheduled.

[Alliant Energy Charitable Foundation](#) - *Applications due January 15, May 15 and September 15 Annually*

Community Grants are directed to projects, programs & initiatives that help protect the environment by supporting organizations that educate, inform & advance environmental issues that benefit residents & communities in four Midwestern states served by Alliant's subsidiaries.

[Alliant Energy \(Wisconsin Power & Light\) Farm Wiring Grant & Loan Program](#) – *Available on a Continuous Basis*

Alliant Energy offers a Farm Wiring Grant program to increase farm safety, productivity & efficiency. Alliant Energy will inspect the facility for stray voltage & recommend improvements.

[Madison Gas & Electric – Project Financing for Businesses](#) – *Available on a Continuous Basis*

Madison Gas & Electric (MGE) works with businesses to reduce costs and improve efficiency and profitability. Businesses can turn to MGE for equipment financing, facility improvements or new construction.

[Riverland Energy Cooperative Rebate Programs](#) – *Available on a Continuous Basis*

Riverland Energy Cooperative offers many rebates & incentives for residential customers to save on energy efficient appliance & equipment purchases & installation: for lighting fixtures, Energy Star appliances, electric water heaters, air conditioners, heat pumps, electric boilers, & central electric thermal storage units.

[We Energies - Livestock and Dairy Farm Electrical Re-wiring Program](#) – *Available on a Continuous Basis*

Any We Energies livestock or dairy farm customer can apply for assistance with a re-wiring project.

[WPPI Energy – Electric Vehicle Incentive Program](#) – *Available on a Continuous Basis*

WPPI Energy provides incentives to members to offset the cost of electric & hybrid electric vehicles as well as plug-in hybrid electric utility line trucks & for converting standard hybrid electric vehicles to plug-in hybrid electric vehicles.

[Xcel Energy Renewable Energy Fund](#) – *Available on a Continuous Basis*

The Xcel Energy Renewable Development Fund, which is financed by ratepayers, promotes the start up, expansion and attraction of renewable energy projects and companies in our service area. It also stimulates research and development into renewable energy technologies. Both efforts are designed to increase the market penetration of renewable energy resources at reasonable costs.

[Xcel Energy Peak Day Partners \(PDP\) Program](#) – *Available on a Continuous Basis*

The Xcel Energy Peak Day Partners (PDP) program partners with qualifying businesses to better manage electricity demand when peak electricity load is a concern. In exchange, businesses can receive bill credits or separate payments for participating.

CLEAN ENERGY FUNDING OPPORTUNITIES

[Xcel Energy Farm Rewiring](#) – *Available on a Continuous Basis*

With Xcel Energy's Farm Rewiring Program a farm operation can take advantage of up to \$33,000 in grants and loans to help provide the necessary financing to update wiring.

PRIVATELY FUNDED PROGRAMS

[Forward Community Investments \(FCI\)](#) – *Applications Accepted on a Continuous Basis*

FCI transforms communities by providing loans & advisory services to nonprofit organizations serving its most in-need communities.

[Impact Seven](#) – *Applications Accepted on a Continuous Basis*

Impact Seven has assembled a number of different business development loans, incentives and new market tax credit programs to support growing and retaining businesses in Wisconsin.

[C.D. Besadny Conservation Grants](#) – *Applications Accepted on a Continuous Basis*

The Natural Resources Foundation's C.D. Besadny Conservation Grant Program provides small, matching grants to conservation organizations in support of projects that promote the responsible stewardship of Wisconsin's natural resources at the local level.

MISCELLANEOUS FUNDING/ASSISTANCE

[Profitable Sustainability Initiative \(PSI\) Services](#) - *Available on a Continuous Basis*

Wisconsin Manufacturing Extension Partnership's Profitable Sustainability Initiative (PSI) Services can help you identify the most important business impacts and highest return on investment that can be achieved through reaching higher profitable sustainability performance in your company. The Profitable Sustainability Initiative (PSI) methodology utilizes a powerful and unique process that identifies, assesses and implements profitable sustainability solutions that are custom-designed to fit your company's unique needs and objectives.

[Appliance Recycling Program](#) - *Available on a Continuous Basis*

Wisconsin Focus on Energy offers a free pick up and recycling of old, inefficient, working refrigerators and freezers. Residents can receive a \$40 reward per appliance recycled.

[Business Planning or Commercialization Planning Assistance](#) - *Available on a Continuous Basis*

The Center for Technology Commercialization offers this micro-grant funding for hiring an independent, third party to write a comprehensive business or commercialization plan for a Wisconsin business. The program is limited to businesses in certain industries.

[Biodiesel Fuel Use Incentive](#) - *Available on a Continuous Basis*

The Wisconsin Department of Public Instruction provides financial aid to school districts using biodiesel to operate school buses.

[Joint Effort Marketing \(JEM\) Grant Program](#) - *Applications Accepted on a Continuous Basis*

The Wisconsin Department of Tourism Joint Effort Marketing (JEM) Grant Program offers cash and guidance to make a promotion or event come to fruition. The grant reimburses Wisconsin non-profit organizations for qualified advertising costs.

[Meetings Mean Business Grant Program](#) - *Applications Accepted on a Continuous Basis*

This Wisconsin Department of Tourism Meetings Mean Business Grant Program helps potential Wisconsin destinations by providing financial assistance for facility costs or host destination expenses as they bid for regional and national meetings or conventions.

[Small Business Innovation Research \(SBIR\)/Small Business Technology Transfer \(STTR\) Assistance](#) - *Available on a Continuous Basis*

The Center for Technology Commercialization offers micro-grants aimed at technology and research-based Wisconsin businesses who intend to apply for SBIR or STTR federal funds. The grants typically cover costs incurred by a business in hiring an independent third-party to assist in the development of federal SBIR and STTR research and development proposal.

CLEAN ENERGY FUNDING OPPORTUNITIES

[Qualified Energy Conservation Bonds \(QECBs\)](#) – *Available on a Continuous Basis*

The Internal Revenue Service provides direct-payment subsidy taxable bonds or tax credit bonds that may be issued by state & local governments that allow an issuer to borrow for “qualified conservation purposes” at rates that may be significantly lower than traditional tax-exempt rates. They can be used for public or private projects. Contact Steve Sabatke at (608)267-0762 or Steven.Sabatke@Wisconsin.gov for additional information specific to Wisconsin.

ADDITIONAL FUNDING RESOURCE GUIDES & DATABASES

[Financial Incentives for the Energy Projects in Wisconsin](#)

The Wisconsin State Energy Office provides a comprehensive guide to Wisconsin financial incentives for clean energy projects.

[Financial Resource Guide for Cleanup and Redevelopment](#)

The Wisconsin Department of Natural Resources provides summaries for many grants, loans, tax incentives & reimbursement programs, & includes a quick reference chart, how-to guide & other web sites to fund brownfield redevelopment projects.

[Center for Technology Commercialization \(CTC\)](#)

The CTC provides business assistance, training, financing opportunities and a network of over 100 organizations helping existing and potential Wisconsin businesses succeed.

[Got Moola](#)

The WI Department of Agriculture, Trade and Consumer Protection provides this tool to help small businesses develop & grow their value-added business using money, information, and technical assistance outside their organization.

[Database of State Incentives for Renewables & Efficiency \(DSIRE\)](#)

DSIRE offers a comprehensive source of information on state, local, utility, & federal incentives that promote renewable energy & energy efficiency.

FEDERAL OPPORTUNITIES

FEDERAL OPPORTUNITY ANNOUNCEMENTS, SOLICITATIONS, NOTICES OF INTENT AND REQUESTS FOR INFORMATION

AGRICULTURE/FARMING

****DUE SOON**** [Empowering Agriculture in Ghana \(APS-641-14-000001\)](#) – *Concept Papers due June 15, 2015*

The U.S. Agency for International Development seeks to fund a limited number of investments to address key value-chain constraints in commercial agriculture investment and agriculture related power constraints around selected value chains.

****DUE SOON**** [Renewable Resource Extension Act – National Focus Fund Projects \(RREA-NFF\) \(USDA-NIFA-OP-005136\)](#) - *Applications due June 16, 2015*

The U.S. Department of Agriculture provides funds for pilot projects that: (1) Address emerging forest and rangeland resource issues, (2) Have national or regional relevancy, or (3) Develop new and innovative projects that can be replicated at other institution.

****DUE SOON**** [Value Added Producer Grant \(RDBCP-VAPG-2015\)](#) – *Applications due July 2, 2015*

The U.S. Department of Agriculture Rural Business-Cooperative Service is accepting applications for the Value-Added Producer Grant (VAPG) program. The primary objective of this grant program is to assist Independent Producers, Agricultural Producer Groups, Farmer and Rancher Cooperatives, and Majority-Controlled Producer-Based Businesses in starting or expanding value-added activities related to the processing and/or marketing of Value-Added Agricultural Products.

[Microloan Program](#) – *Applications Accepted on an Ongoing Basis*

The U.S. Department of Agriculture – Farm Service Program provides loans for the purchase of renewable energy systems, and energy improvements, including: solar PV, solar thermal, wind, anaerobic digester, geothermal, energy efficiency such as lights, fans, equipment, coolers, thermal curtains.

[Direct Operating Loan](#) – *Applications Accepted on an Ongoing Basis*

The U.S. Department of Agriculture – Farm Service Program provides loans for the purchase of renewable energy systems, and energy improvements, including: solar PV, solar thermal, wind, anaerobic digester, geothermal, energy efficiency such as lights, fans, equipment, coolers, thermal curtains.

[Farm Ownership Loan](#) – *Applications Accepted on an Ongoing Basis*

The U.S. Department of Agriculture – Farm Service Program provides loans for the purchase of renewable energy systems, and energy improvements, including: solar PV, solar thermal, wind, anaerobic digester, geothermal, energy efficiency such as lights, fans, equipment, coolers, thermal curtains.

[Biomass Crop Assistance Program \(BCAP\)](#) - *Applications Accepted on an Ongoing Basis*

The U.S. Department of Agriculture aims to reduce U.S. reliance on foreign oil, improve domestic energy security, reduce carbon pollution, spur rural economic development and job creation by supporting biomass conversion facilities and related biomass crop production and production of heat, power, biofuels and bio-based products. Potential crops include: switchgrass, miscanthus giganteus, fast-growing woody poplar, jatropha, algae, energy cane, camelina or pongamia.

BROADBAND

[Broadband Loan Program](#) – *Applications Accepted on a Continuous Basis*

The U.S. Department of Energy provides loans for funding, on a technology neutral basis, for the costs of construction, improvement, and acquisition of facilities and equipment to provide broadband service to eligible rural communities.

CARBON CAPTURE

****NEW**** [Capture CO2 from Low Concentration-Coal Industry \(DE-FOA-0001342\)](#) – *Applications due August 3, 2015*

The U.S. Department of energy seeks applications for cost effective Carbon Dioxide (CO2) capture or conversion solutions for coal-relevant applications are part of an all-of-the-above climate strategy.

ENERGY FUNDING OPPORTUNITIES

COMBINED HEAT AND POWER

[Trial Combined Heat and Power Test sites](#) – *Contact AO Smith for further details*

The U.S. Department of Energy and AO Smith have entered into a cooperative agreement to evaluate combined heat and power for light commercial applications. They are seeking trial sites to identify market barriers via deployment of eight field trial systems in the U.S. to provide stake-holders with the information needed to build a sustainable market.

ECONOMIC DEVELOPMENT/JOB CREATION

****DUE SOON**** [Economic Development Assistance Programs \(EDAP2015\)](#) – *Applications due June 15, 2015*

The U.S. Department of commerce – Economic Development Administration (EDA) solicits applications from applicants in rural and urban areas to provide investments that support construction, non-construction, technical assistance, and revolving loan fund projects to leverage existing regional assets and support the implementation of economic development strategies that advance new ideas and creative approaches to advance economic prosperity in distressed communities.

****DUE SOON**** [Green Entrepreneurship Morocco \(OES-OTE-15-001\)](#) – *Applications due July 8, 2015*

The U.S. Department of State aims to support Morocco's efforts to build a green economy by developing innovative commercial solutions to pressing environmental issues, such as waste management, recycling, and energy efficiency, among others, which not only support the development of Morocco's entrepreneurial eco-system but also create green jobs.

[The Partnerships for Opportunity and Workforce and Economic Revitalization \(POWER\) Implementation Initiative \(POWER2015\)](#) – *Applications due July 10, 2015*

The U.S. Department of Commerce announces the availability of funding for implementation grants under the Partnerships for Opportunity and Workforce and Economic Revitalization (POWER) Initiative. The POWER Initiative is a new interagency effort to assist communities and workers negatively impacted by changes in the coal industry and power sector. Booming natural gas production, declining costs for renewable energy, increases in energy efficiency, flattening electricity demand, and updated clean air standards are changing the way electricity is generated and used across the country. Eligible activities include helping communities: develop and implement local and regional programs to respond on behalf of affected workers and businesses; strengthen or develop emerging industry clusters; prepare and train the existing workforce for new jobs in high-growth or in-demand sectors and occupations; and develop and execute coordinated economic and workforce development activities based on communities' strategic plans. These activities should result in more skilled workers moving into new job opportunities.

[Planning Program and Local Technical Assistance Program \(EDAPLANNING2012\)](#) – *Applications Accepted on a Continuous Basis*

The U.S. Department of Commerce – Economic Development Administration assists eligible recipients in creating regional economic development plans designed to stimulate and guide the economic development efforts of a community or region.

ENERGY EFFICIENCY/CONSERVATION

****DUE SOON**** [Louisiana - Conservation Innovation Grants \(CIG\) \(USDA-NRCS-CIG-LA-15-01\)](#) – *Applications due June 12, 2015*

The U.S. Department of Agriculture - Natural Resources Conservation Service (NRCS) is announcing availability of Conservation Innovation Grants (CIG) to stimulate the development and adoption of innovative conservation approaches and technologies in Louisiana.

****NEW-DUE SOON**** [Rhode Island -Conservation Innovation Grants \(USDA-NRCS-RI-15-01\)](#) – *Applications due June 29, 2015*

The U.S. Department of Agriculture - Natural Resources Conservation Service (NRCS) is announcing availability of Conservation Innovation Grants (CIG) to stimulate the development and adoption of innovative conservation approaches and technologies in Rhode Island.

****NEW-DUE SOON**** [Request for Information - High Impact Commercial Building Technology 2016 Grant \(DE-FOA-0001352\)](#) – *Responses due June 30, 2015*

The U.S. Department of Energy - Building Technologies Office (BTO) is seeking input on a developed a framework, called the High Impact Technology (HIT) Catalyst, for accelerating the voluntary adoption of high impact, cost-effective, energy-saving and underutilized commercial building technologies.

ENERGY FUNDING OPPORTUNITIES

****DUE SOON**** [Rural Energy for America Program - Renewable Energy Systems & Energy Efficiency Improvement Loans & Grants](#) - *Application for grants due June 30, 2015, guaranteed loan funds are available year round*

The U.S. Department of Agriculture - Rural Energy for America Program (REAP) helps agricultural producers and rural small businesses reduce energy costs and consumption in order to meet the nation's critical energy needs.

****NEW-DUE SOON**** [Radioactive Material Disposition Grant \(NRC-HQ-50-15-FOA-0001\)](#) - *Applications due July 6, 2015*

The U.S. Nuclear Regulatory Commission (NRC) seeks applications for proper disposition of material that is unwanted or is orphan, in order to ensure safe use radioactive materials for beneficial civilian purposes while ensuring that people and the environment are protected.

****DUE SOON**** [Missouri State Office - Soil health, Conservation Outreach, Cultural Resources, and Climate Change \(USDA-NRCS-EQIP-CTA-MO-15-01\)](#) - *Applications due July 7, 2015*

The U.S. Department of Agriculture - Missouri State Office is seeking to conduct conservation outreach workshops, conferences and training that will help educate Missouri's farm community, private landowners, conservation organizations, cooperating agencies, and general citizenry. Two other opportunities within this announcement are seeking partnership in cultural resources and conservation implementation associated with climate change.

****DUE SOON**** [Regional Conservation Partnership Program Grant \(USDA-NRCS-NHQ-RCPP-16-01\)](#) - *Pre-Applications due July 8, 2015*

The U.S. Department of Agriculture Natural Resources Conservation Service (NRCS) Regional Conservation Partnership Program (RCPP) seeks to co-invest with partners in innovative, workable and cost-effective approaches to benefit farming, ranching, and forest operations, local economies, and the communities and resources in a watershed or other geographic area.

****NEW**** [Missouri - Conservation Innovation Grants \(CIG\) \(USDA-NRCS-MO-CIG-15-02\)](#) - *Applications due July 10, 2015*

The U.S. Department of Agriculture - Natural Resources Conservation Service (NRCS) is announcing availability of Conservation Innovation Grants (CIG) to stimulate the development and adoption of innovative conservation approaches and technologies in Missouri.

****NEW**** [South Dakota - Conservation Innovation Grants \(CIG\) \(USDA-NRCS-CIG-SD-15-01\)](#) - *Applications due July 17, 2015*

The U.S. Department of Agriculture - Natural Resources Conservation Service (NRCS) is announcing availability of Conservation Innovation Grants (CIG) to stimulate the development and adoption of innovative conservation approaches and technologies in South Dakota.

[U.S. Mission to India - Going Green Massively Open Online Course \(MOOC\) \(MRFP15-06\)](#) - *Applications due July 20, 2015*

The U.S. Department of State is searching for a grantee to produce a ten-episode, English-language massively open online course (MOOC) on environmental protection and climate change, using the expertise of Indian alumni of U.S. exchange programs. The MOOC also will inform U.S. audiences about environmental challenges in India and novel solutions being implemented by government and civil society. Example topics include, but are not limited to, the impact of fossil fuel use on global warming, water conservation, alternative energy, and deforestation. The content will be made available to students and across Mission India's social media platforms.

[Land and Water Conservation Fund State and Local Assistance Program](#) - *Applications due August 11, 2015*

The U.S. Department of Interior - National Park Service provides matching grants to states and through states to local governments for the acquisition and development of land and water for outdoor recreation purposes.

[Coastal Program - Great Lakes Restoration Initiative \(F15AS00096\)](#) - *Applications due September 30, 2015*

The U.S. Department of the Interior - Coastal Program is a voluntary, incentive-based program that provides technical and financial assistance to coastal communities and landowners to restore and protect fish and wildlife habitat on public and private lands. Funding is available to coastal areas within the U.S. portion of the Great Lakes basin which includes parts of Michigan, Wisconsin, Minnesota, Illinois, Indiana, Ohio, Pennsylvania, and New York.

[Environmental Quality Incentive Program](#) - *Applications Accepted on a Continuous Basis*

The U.S. Department of Agriculture - Environmental Quality Incentives Program (EQIP) is a voluntary program that provides financial and technical assistance to agricultural producers through contracts up to a maximum term of ten years in length. These contracts provide financial assistance to help plan and implement conservation practices that address natural resource concerns and for opportunities to improve soil, water, plant, animal, air and related resources on agricultural land and non-industrial private forestland.

ENERGY FUNDING OPPORTUNITIES

ENVIRONMENT/CLIMATE

****NEW**** [Notice of Intent - Opportunities to Develop High Performance, Economically Viable, and Environmentally Benign Technologies to Recover Rare Earth Elements \(REEs\) from Coal, Coal Byproducts, and Aqueous Effluents \(DE-FOA-0001202\)](#)
The Department of Energy (DOE) may issue a Funding Opportunity Announcement (FOA) in early July 2015 seeking applications for financial assistance awards that would support development of technologies for the economic and environmentally benign recovery of REEs from coal and coal-related materials.

****DUE SOON**** [The Future is Now: A Conference on Climate Resilience and Sustainable Urbanization Grant \(HRFP16-01\)](#) – Applications due June 14, 2015

The U.S. Department of State, Public Affairs Section of the U.S. Consulate General Hyderabad seeks proposals to plan and execute all details of a two-day conference on “The Future is Now: A Conference on Climate Resilience and Sustainable Urbanization” to take place in October 2015 in Hyderabad, Telangana (central India). Like many developing countries with large populations, India’s industrial development and massive job creation goals rely heavy on coal and other carbon-emitting fuels.

****DUE SOON**** [Community Health Projects Related to Contamination at Brownfield/Land Reuse Site \(CDC-RFA-TS15-1502\)](#) – Applications due June 22, 2015

The U.S. Department of Health and Human Services ATSDR Community Health Projects (CHP) Related to Contamination at Brownfield/Land Reuse Sites purpose is to increase responsive public health actions by promoting healthy and safe environments and preventing harmful exposures related to contamination at Brownfield/Land Reuse Sites.

****NEW**** [Pesticide Safety Resource Projects \(EPA-OPP-2015-004\)](#) – Applications due July 12, 2012

The U.S. Environmental Protection Agency - Office of Pesticide Programs (OPP) is soliciting applications from eligible parties for an Environmental Protection Agency (EPA) cooperative agreement to provide financial assistance to an eligible organization to carry out projects. The selected recipient will coordinate the development of educational and outreach pieces that include, but are not limited to, printed, electronic or computer-based to advance the protection of humans, ecosystems and the environment from the risk of pesticide poisonings, illness and injury.

****NEW**** [Develop climate change synthesis \(F15AS00225\)](#) – Applications due July 13, 2015

The U.S. Department of Interior - Pacific Islands Climate Change Cooperative (PICCC), U.S. Fish and Wildlife Service Pacific Region is requesting project proposals to develop comprehensive science-based syntheses of potential future climate changes and their impacts to terrestrial and freshwater ecosystems of the main Hawaiian Islands, based on available climate change science.

[RESTORE Act Direct Component - Non-federal Share of Another Federally Funded Activity \(GR-RDC-15-010\)](#) – Applications due July 31, 2015

The U.S. Department of Treasury RESTOR Act Program seeks applications for the following: a) Restoration and protection of the natural resources, ecosystems, fisheries, marine and wildlife habitats, beaches and coastal wetlands of the Gulf Coast region. b) Mitigation of damage to fish, wildlife and natural resources. c) Implementation of a federally approved marine, coastal, or comprehensive conservation management plan, including fisheries monitoring. d) Workforce development and job creation. e) Improvements to or on State parks located in coastal areas affected by the Deepwater Horizon oil spill. f) Infrastructure projects benefiting the economy or ecological resources, including port infrastructure. g) Coastal flood protection and related infrastructure. h) Planning assistance. i) Administrative costs. j) Promotion of tourism in the Gulf Coast region, including recreational fishing. k) Promotion of the consumption of seafood harvested from the Gulf Coast region.

FUEL CELL/HYDROGEN

****DUE SOON**** [Request for Information \(RFI\): Gas Clean-Up for Fuel Cell Applications Workshop Report \(DE-FOA-0001331\)](#) – Responses due July 1, 2015

The U.S. Department of Energy seeks feedback and opinions from industry, academia, research laboratories, government agencies, and other stakeholders on the report findings from the Gas Clean-up for Fuel Cell Applications Workshop held at Argonne National Laboratory on March 6-7, 2014. The U.S. Department of Energy’s Fuel Cell Technologies Office in the Office of Energy Efficiency and Renewable Energy requests input on whether or not respondents agree with the findings, if there are other findings that are considered critical but were not included in this report, and a prioritization of challenges and needs, if different from those in the report.

ENERGY FUNDING OPPORTUNITIES

[H2 Refuel H-Prize Competition for Small-Scale Hydrogen Refueling Systems](#) – *Competition ends October 31, 2016*

The U.S. Department of Energy Department challenges America's engineers and entrepreneurs to develop affordable systems for small-scale, non-commercial hydrogen fueling. The H2 Refuel H-Prize anticipates award of a \$1 million prize to the top refueler system entry that can produce hydrogen using electricity and/or natural gas, energy sources commonly available to residential locations, and dispense the hydrogen to a vehicle, providing at least 1 kg per refueling.

RESEARCH

Agriculture

[Climate Smart Agriculture \(BAA-OAA-BFS-2015\)](#) – *Applications due March 16, 2016*

The U.S. Agency for International Development seeks opportunities to co-create, co-design, co-invest, and collaborate in the research, development, piloting, testing, and scaling of innovative, practical and cost-effective activities in the general area of Climate Smart Agriculture (CSA).

Aviation

[Aviation Research and Development Grants](#) – *Applications Accepted through December 31, 2019*

The Federal Aviation Administration solicits proposals for research grants & cooperative agreements to pursue the long-term growth & short-term technical needs of civil aviation. FAA aims to improve regulatory standards for sources of air & noise pollution, & develop better technologies for predicting, measuring, & abating environmental impacts of emissions.

Biofuels/Biomass/Biobased Products

[Energy for Sustainability \(PD-14-7644\)](#) – *Applications due October 20, 2015*

The National Science Foundation's Energy for Sustainability program aims to support fundamental engineering research and education that will enable innovative processes for the sustainable production of electricity and transportation fuels. Topics of interest include: biomass conversion, biofuels & bioenergy; photovoltaic solar energy; and advanced batteries for transportation and renewable energy storage.

[Biotechnology, Biochemical, and Biomass Engineering \(PD-14-1491\)](#) – *Applications due October 20, 2015*

The National Science Foundation's Biotechnology, Biochemical, and Biomass Engineering (BBBE) program supports fundamental engineering research that advances the understanding of cellular and biomolecular processes (in vivo, in vitro, and/or ex vivo) and eventually leads to the development of enabling technology and/or applications in support of the biopharmaceutical, biotechnology, and bioenergy industries, or with applications in health or the environment.

[Catalysis and Biocatalysis \(PD-14-401\)](#) – *Applications due October 20, 2015*

The National Science Foundation's Catalysis and Biocatalysis seeks biomass conversion catalysis, electrocatalysis and photocatalysis, involving energy interconversion devices or systems employing catalysts. Most studies will focus on the catalysis of one or more chemical reactions with products including molecules used for fuels, energy sources, feedstocks, fine chemicals, bulk chemicals and specialized materials. National needs suggest heightened interest be given to proposals relating to processes and catalysts for conversions of biomass to fuels and chemicals, for development of renewable energy sources and for transition to green or environmentally benign products and processes.

Earth, Environment and Climate

[Paleo Perspectives on Climate Change \(PD-13-576\)](#) – *Applications due October 15, 2015*

The National Science Foundation aims to support research that utilizes key geological, chemical, atmospheric (gas in ice cores), and biological records of climate system variability to provide insights into the mechanisms and rate of change that characterized Earth's past climate variability, the sensitivity of Earth's climate system to changes in forcing, and the response of key components of the Earth system to these changes.

[Environmental Sustainability \(PD-14-7643\)](#) – *Applications due October 20, 2015*

The National Science Foundation's Environmental Sustainability program supports engineering research with the goal of promoting sustainable engineered systems that support human well-being and that are also compatible with sustaining natural (environmental) systems.

ENERGY FUNDING OPPORTUNITIES

[Environmental Engineering \(PD-14-1440\)](#) - *Applications due October 20, 2015*

The National Science Foundation's Environmental Engineering program supports fundamental research and educational activities across the broad field of environmental engineering. The program also fosters cutting-edge scientific research for identifying, evaluating, and monitoring the waste assimilative capacity of the natural environment and for removing or reducing contaminants from polluted air, water, and soils.

[Environmental Chemical Sciences \(PD09-6882\)](#) – *Applications due November 2, 2015*

The National Science Foundation Environmental Chemical Sciences (ECS) Program supports basic research in chemistry that promotes the understanding of natural and anthropogenic chemical processes in our environment.

[Earth Sciences: Instrumentation and Facilities \(NSF 11-516\)](#) - *Applications Accepted on a Continuous Basis*

The National Science Foundation - Division of Earth Sciences supports proposals for research to advance understanding of the Earth's changing environments, and the natural distribution of its mineral, water, biota, and energy resources and provide methods for predicting and mitigating the effects of geologic hazards such as earthquakes, volcanic eruptions, floods and landslides.

[Earth Sciences Education and Human Resources \(PD-04-1575\)](#) - *Applications Accepted on a Continuous Basis*

The National Science Foundation - Division of Earth Sciences, Education and Human Resources Program (E&HR) supports, Research Experiences for Undergraduates (REU) and Teachers (RET), Faculty Early Career Development (CAREER), and EAR Postdoctoral Fellowship.

[Climate and Large-Scale Dynamics \(PD-06-5740\)](#) – *Applications Accepted on a Continuous Basis*

The National Science Foundation seeks projects that advance knowledge of processes that force & regulate atmosphere's synoptic & planetary circulation, weather & climate; and sustain resources required for synoptic & global atmospheric dynamics & climate research merit.

[Paleoclimate \(PD-98-1530\)](#) - *Applications Accepted on a Continuous Basis*

The National Science Foundation seeks proposals for Paleoclimate research. Projects should focus on the natural evolution of Earth's climate with the goal of providing a baseline for present variability & future trends through improved understanding of the physical, chemical, & biological processes that influence climate over the long-term.

Feedstock Development

[Energy for Sustainability \(PD-14-7644\)](#) – *Applications due October 20, 2015*

The National Science Foundation's Energy for Sustainability program aims to support fundamental engineering research and education that will enable innovative processes for the sustainable production of electricity and transportation fuels. Topics of interest include: biomass conversion, biofuels & bioenergy; photovoltaic solar energy; and advanced batteries for transportation and renewable energy storage.

Fuel Cell/Hydrogen

[Advanced Frontiers in Renewable Hydrogen Fuel Production via Solar Water Splitting Technologies](#) – *Letter of Intent due October 7, 2015*

The National Science Foundation and the U.S. Department of Energy - Fuel Cell Technologies Office has established a partnership to leverage the complementary missions of applied research, development and demonstration and use-inspired fundamental research and education to address issues of national importance that impact the sustainable production of fuels using renewable resources.

Multidisciplinary

****DUE SOON**** [Request for Information – Office of Technology Transitions Grant \(DE-FOA-0001346\)](#) – *Responses due June 10, 2015*

The U.S. Department of Energy seeks feedback from public and private sector stakeholders regarding opportunities to enhance the commercial impact of DOE's portfolio of Research, Development, Demonstration & Deployment activities.

****DUE SOON**** [Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring Grant \(NSF 15-551\)](#) – *Applications due June 19, 2015*

The National Science Foundation Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring (PAESMEM) is a Presidential award to individuals or organizations that serve as leaders in the national effort to develop fully the nation's human resources in STEM.

ENERGY FUNDING OPPORTUNITIES

****DUE SOON**** [Theoretical Research in Magnetic Fusion Energy Science \(DE-FOA-0001336\)](#) – Applications due June 30, 2015

The U.S. Department of Energy - Office of Fusion Energy Sciences (FES) of the Office of Science (SC) announces its interest in receiving new or renewal grant applications for theoretical and computational research relevant to the U.S. magnetic fusion energy sciences program.

****DUE SOON**** [Dynamic Distributed Resource Management \(DDRM\) \(DE-FOA-0001344\)](#) – Applications due July 6, 2015

The U.S. Department of Energy solicits applications that will significantly enhance the ability of large collaborative science communities to dynamically assemble and use all the resources required to collect, process, and interpret an experiments data. These resources include, but are not limited to, computers, storage systems, instruments, multi-gigabit networks, data, and documents.

[Decision, Risk and Management Sciences \(PD-98-1321\)](#) - Applications due August 18, 2015

The National Science Foundation Decision, Risk and Management Sciences program supports scientific research directed at increasing the understanding and effectiveness of decision making by individuals, groups, organizations, and society.

[Infrastructure Management and Extreme Events \(PD-15-1638\)](#) – Applications due September 15, 2015

The National Science Foundation seeks fundamental, multidisciplinary research on the impact of hazards and extreme events upon civil infrastructure and society. The program is deeply multidisciplinary and attempts to integrate multiple issues from civil, mechanical, transportation, and system engineering, sociology, psychology, economics, geography, political science, urban planning, epidemiology, natural and physical science, and computer science.

[Continuation of Solicitation for the Office of Science Financial Assistance Program \(DE-FOA-0001204\)](#) – Applications due September 30, 2015

The U.S. Department of Energy – Office of Science aims to support applications for work in the following program areas: Advanced Scientific Computing Research, Basic Energy Sciences, Biological and Environmental Research, Fusion Energy Sciences, High Energy Physics, and Nuclear Physics.

[Chemical Structure, Dynamics and Mechanisms \(CSDM-A\) \(PD-12-9101\)](#) – Applications due September 30, 2015

The National Science Foundation supports research on the nature of molecular structure and its consequences for reactivity, intermolecular interactions, and dynamics. The Chemical Structure, Dynamics and Mechanisms (CSDM-A) Program is concerned primarily with chemical dynamics encompassing reaction kinetics and mechanisms, intramolecular rearrangement or conformational changes, and changes induced via electromagnetic excitation.

[Chemical Structure, Dynamics and Mechanisms \(CSDM-B\) \(PD-12-9102\)](#) – Applications due September 30, 2015

The National Science Foundation supports research on the nature of molecular structure and its consequences for reactivity, intermolecular interactions, and dynamics. The Chemical Structure, Dynamics and Mechanisms (CSDM-B) Program is concerned primarily with chemical phenomena in the gas and fluid phases, as well as chemical processes at gas-fluid, gas-solid, fluid-solid, and fluid-fluid interfaces.

[Chemical Catalysis \(PD-09-6884\)](#) – Applications due September 30, 2015

The National Science Foundations' Chemical Catalysis Program supports experimental and theoretical research directed towards the fundamental understanding of the chemistry of catalytic processes at the molecular level. Submissions that advance chemical catalysis and address national needs for sustainability are of particular interest. These include fundamental studies of energy-related catalytic processes, CO₂ conversion, electrocatalysis (such as in water splitting and fuel cells), photocatalysis (such as in solar energy conversion), catalytic conversions of fossil fuels and biomass, and environmentally-friendly chemical processes.

[Advanced Technological Education \(NSF-14-577\)](#) - Applications due October 8, 2015

The National Science Foundation Advanced Technological Education (ATE) program focuses on the education of technicians for the high-technology fields that drive our nation's economy. The program invites research proposals that advance the knowledge base related to technician education.

[Combustion, Fire, and Plasma Systems \(PD-14-1407\)](#) – Applications due October 20, 2015

The National Science Foundation's Combustion, Fire, and Plasma Systems program supports fundamental research and education that have societal impacts on a cleaner global and local environments, enhanced public safety, improved energy and homeland security, useful new materials, and more efficient manufacturing.

ENERGY FUNDING OPPORTUNITIES

[Particulate and Multiphase Processes \(PD-14-1415\)](#) - *Applications due October 20, 2015*

The National Science Foundation's Particulate and Multiphase Processes program seeks innovative research that contributes to improving the basic understanding, design, predictability, efficiency, and control of particulate and multiphase processes with particular emphasis on: novel manufacturing techniques, multiphase systems of relevance to energy harvesting, multiphase transport in biological systems or biotechnology, and environmental sustainability.

[Fluid Dynamics \(PD-14-1443\)](#) - *Applications due October 20, 2015*

The National Science Foundation's Fluid Dynamics program supports fundamental research and education on mechanisms and phenomena governing fluid flow. Encouraged are proposals that address innovative uses of fluids in materials development; manufacturing; biotechnology; nanotechnology; clinical diagnostics and drug delivery; sensor development and integration; energy and the environment.

[Chemical and Biological Separations \(PD-14-1417\)](#) - *Applications due October 20, 2015*

The National Science Foundation's Chemical and Biological Separations (CBS) program supports fundamental research on novel methods and materials for separation processes. These processes are central to the chemical, biochemical, materials, energy, and pharmaceutical industries.

[Communications, Circuits, and Sensing-Systems \(PD-13-7564\)](#) - *Applications due November 2, 2015*

The National Science Foundation Communications, Circuits, and Sensing-Systems (CCSS) program is intended to spur visionary systems-oriented activities in collaborative, multidisciplinary, and integrative research. CCSS supports systems research in hardware, signal processing techniques, and architectures to enable the next generation of cyber systems (CPS) that leverage computation, communication, and algorithms integrated with physical domains.

[ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers \(NSF-14-573\)](#) - *Applications due November 3, 2015*

The National Science Foundation aims to (1) to develop systemic approaches to increase the representation and advancement of women in academic STEM careers; (2) to develop innovative and sustainable ways to promote gender equity in the STEM academic workforce; and (3) to contribute to the development of a more diverse science and engineering workforce.

[Geobiology and Low-Temperature Geochemistry \(GG\) \(NSF-15-559\)](#) - *Applications Accepted on a Continuous Basis*

The National Science Foundation Geobiology and Low-Temperature Geochemistry Program supports studies that address address: 1) inorganic and/or organic geochemical processes; 2) the role of life in the transformation and evolution of Earth's geochemical cycles; 3) surficial chemical and biogeochemical systems and cycles, including their modification through environmental change and human activities; 4) low-temperature aqueous geochemical processes; 5) mineralogy and chemistry of earth materials; 6) geomicrobiology and biomineralization processes; and 7) medical mineralogy and geochemistry.

[National Facilities Program \(PD-05-1743\)](#) - *Applications Accepted on a Continuous Basis*

The National Science Foundation National Facilities Program supports the operation of national user facilities: National Facilities are research facilities with specialized instrumentation available to the scientific research community in general and the materials research community in particular. These facilities provide unique research capabilities that can be located at only a few highly specialized laboratories in the Nation. They provide open user service for scientists and engineers from a broad range of disciplines including biology, chemistry, geosciences, materials research and physics.

Nanoscience

[Thermal Transport Processes \(PD-14-1406\)](#) - *Applications due October 20, 2015*

The National Science Foundation's Thermal Transport Processes (TTP) program supports engineering research aimed at gaining a basic understanding of the thermal transport phenomena at nano/micro and macro scale.

[Environmental Health and Safety of Nanotechnology \(PD 14-1179\)](#) - *Applications due October 20, 2015*

The goal of the National Science Foundation - Environmental Health and Safety of Nanotechnology (Nano EHS) program is to examine and mitigate the environmental effects of nanotechnologies. Fundamental engineering research is sought to understand, evaluate, and lessen the impact of nanotechnology on the environment and biological systems.

ENERGY FUNDING OPPORTUNITIES

[Electronics, Photonics, and Magnetic Devices \(PD-13-1517\)](#) – Applications due November 2, 2015

The National Science Foundation's Electronics, Photonics, and Magnetic Devices (EPMD) program seeks to improve the fundamental understanding of devices and components based on the principles of micro- and nanoelectronics, photonics, magnetics, optoelectronics, electromechanics, electromagnetics, and related physical phenomena. The program enables discovery and innovation advancing the frontiers of nanoelectronics, spin electronics, molecular and organic electronics, bioelectronics, non-silicon electronics, flexible electronics, microwave photonics, micro/nano-electromechanical systems (MEMS/NEMS), sensors and actuators, power electronics, and mixed signal devices.

Nuclear

****NEW**** [Nuclear Science and Engineering Nonproliferation \(DE-FOA-0001300\)](#) – Applications due August 12, 2015

The U.S. Department of Energy intends to award a five year cooperative agreement to a consortium of accredited U.S. Colleges and Universities. This cooperative agreement will allow the universities to receive and administer research and development funding awarded by the U.S. Department of Energy (DOE), National Nuclear Security Administration (NNSA), Office of Defense Nuclear Nonproliferation Research and Development (DNN R&D).

[Nuclear Energy University Programs – Fellowship and Scholarship \(DE-FOA-0000807\)](#) – Applications open continuously through November 30, 2015

The U.S. Department of Energy - Office of Nuclear Energy aims to support education and training for future nuclear scientists, engineers and policy-makers who are attending U.S. universities and colleges in nuclear-related graduate, undergraduate and two-year study programs.

Policy

[Science of Science and Innovation \(PD-09-7626\)](#) – Applications due September 9, 2015

The National Science Foundation - Science of Science & Innovation Policy (SciSIP) program supports research designed to advance the scientific basis of science and innovation policy.

[Science of Science and Innovation Policy Doctoral Dissertation Research Improvement \(NSF 15-513\)](#) – Applications due September 9, 2015

The National Science Foundation - Science of Science & Innovation Policy (SciSIP) program supports research designed to advance the scientific basis of science and innovation policy.

Small Business Innovation Research (SBIR)/Small Business Technology Transfer (STTR)

If you are interested in SBIR/STTR opportunities contact the Center for Technology Commercialization for further assistance at <http://www.wisconsinsbir.org/>.

Solar

[Energy for Sustainability \(PD-14-7644\)](#) – Applications due October 20, 2015

The National Science Foundation's Energy for Sustainability program aims to support fundamental engineering research and education that will enable innovative processes for the sustainable production of electricity and transportation fuels. Topics of interest include: biomass conversion, biofuels & bioenergy; photovoltaic solar energy; and advanced batteries for transportation and renewable energy storage.

Smart Grid

[Energy, Power, and Adaptive Systems \(PD-13-7607\)](#) – Applications due November 2, 2015

The National Science Foundation's Energy, Power, and Adaptive Systems (EPAS) program invests in the design and analysis of intelligent and adaptive engineering networks, including sensing, imaging, controls, and computational technologies for a variety of application domains. Topics of interest include alternate energy sources, the Smart Grid, and interdependencies of critical infrastructure in power and communications.

Technology

****DUE SOON**** [Software Defined Networks-Enabled Terabits Optical Networks for Extreme \(DE-FOA-0001295\)](#) – Applications due July 2, 2015

The U.S. Department of Energy - Office of Advanced Scientific Computing Research in the Office of Science announces its intent to receive grant applications in the form of cooperative agreements to develop a new generation of intelligent terabit optical network capabilities that will enable new modalities of network-intensive science.

ENERGY FUNDING OPPORTUNITIES

[Consortium for Advanced Manufacturing Foresights Grant \(NSF 15-565\)](#) – Applications due July 20, 2015

The National Science Foundation aims to establish the Consortium for Advanced Manufacturing Foresights to inform and promote regular and sustained communication and research coordination across the public and private sectors, provide federal decision-makers with timely access to top university and industry experts, and respond quickly to requests from federal decision-makers for detailed input on nascent opportunities and priorities in manufacturing. These activities will improve the coordination of federal advanced manufacturing technology and research and development strategies.

****NEW**** [Research on Innovative Approaches to Fusion Energy Sciences \(DE-FOA-0001348\)](#) – Applications due August 3, 2015

The U.S. Department of Energy - Office of Fusion Energy Sciences (FES) seeks grant applications for research on innovative approaches to fusion energy on the spherical tokamak, advanced tokamak, and stellarator concepts. Such research on small to medium scale facilities can explore specific aspects of these concepts, thereby enhancing the understanding of magnetically confined plasmas. By broadening the scientific approach, this research can also help to grow and validate fusion science over a wider range of plasma conditions and enhance the opportunity for scientific discovery in toroidal confinement.

[Manufacturing Machines and Equipment \(PD-15-1468\)](#) – Applications due September 15, 2015

The National Science Foundation supports fundamental research that enables the development of new and/or improved manufacturing machines and equipment, and optimization of their use. Of particular interest are proposals that relate to the manufacture of equipment and facilities that enable the production of energy products.

[Innovative Development in Energy-Related Applied Science](#) – Concept Paper due September 28, 2015

The U.S. Department of Energy seeks to support projects under the Innovative Development in Energy-Related Applied Science (IDEAS) to provide rapid support to revolutionary applied energy research that may lead to new Advanced Research Projects Agency-Energy (ARPA-E) programs to develop transformational and disruptive energy technologies.

[New and Innovative Ideas for Technology Focused Areas of Interest](#) – Applications through October 19, 2016

The U.S. Army Business Interface Office is looking to identify and develop technologies for the purpose of generating future armament systems. This shall be accomplished via investigative efforts includes power, energy and environmental management sciences.

Vehicles/Transportation

[Energy for Sustainability \(PD-14-7644\)](#) – Applications due October 20, 2015

The National Science Foundation's Energy for Sustainability program aims to support fundamental engineering research and education that will enable innovative processes for the sustainable production of electricity and transportation fuels. Topics of interest include: biomass conversion, biofuels & bioenergy; photovoltaic solar energy; and advanced batteries for transportation and renewable energy storage.

Water

[Hydrologic Sciences \(PD-13-531\)](#) – Applications due December 17, 2015

The National Science Foundation's Hydrologic Sciences Program focuses on the fluxes of water in the environment that constitute the water cycle as well as the mass and energy transport function of the water cycle in the environment. The Program is interested in how water interacts with the solid phase, the landscape and the ecosystem as well as how such interactions and couplings are altered by land use and climate change.

MANUFACTURING

[Notice of Intent: Clean Energy Manufacturing Innovation Institute on Smart Manufacturing: Advanced Sensors, Controls, Platforms, and Modeling for Manufacturing \(DE-FOA-0001262\)](#)

The U.S. Department of Energy seeks to support the establishment of a Clean Energy Manufacturing Innovation Institute on Smart Manufacturing: Advanced Sensors, Controls, Platforms, and Modeling for Manufacturing.

[Notice of Intent: Next Generation of Electric Machines \(DE-FOA-0001221\)](#)

The U.S. Department of Energy - Advanced Manufacturing Office (AMO) intend to fund projects that create future high impact manufacturing opportunities through the Next Generation of Electric Machines (NGEM) vision, which is a targeted development of high power density, high revolutions per minute motors and integrated power electronics.

ENERGY FUNDING OPPORTUNITIES

SERVICES & EQUIPMENT FOR FEDERAL AGENCIES

[Notice of Intent - National Energy Technology Laboratory -Site Administrative Support Services \(DE-SOL-0007251\)](#)

The U.S. Department of Energy (DOE) - National Energy Technology Laboratory (NETL) intends to issue a competitive request for proposal for small businesses only to assist the government in the implementation of its energy-related mission and encompass activities that are inherently non-governmental.

SOLAR

****DUE SOON**** [Solar Training and Education for Professionals \(STEP\) \(DE-FOA-0001329\)](#) – *Concept Paper due June 26, 2015*

The U.S. Department of Energy - Solar Training and Education for Professionals (STEP) will support many activities in solar training and education. Firstly, it will support coordination among the Solar Training Network (STN), military bases and the solar industry. This will ensure that solar instructors are well connected to solar employers, the STN materials are up-to-date, and veterans are connected to solar training institutions. Secondly, it will establish new credentials in solar operations & maintenance and mid-scale installations.

[Solar Bankability Data to Advance Transactions and Access \(SB-DATA\) \(DE-FOA-0001319\)](#) – *Applications due July 31, 2015*

The U.S. Department of Energy seeks to facilitate the growth and expansion of the solar industry by creating a standardized data landscape for distributed solar. As the solar market continues to rapidly grow, it's critical that the collection, management, and exchange of solar datasets, especially those that affect the bankability of solar assets – across the value chain from project origination to grid integration, operations, and decommissioning – are coordinated and streamlined to protect consumers, increase efficient pricing, and to support new and existing businesses entering the solar marketplace (e.g. new financial, underwriting products, operations and maintenance services).

[Sunshot Catalyst Prize \(DE-FOA-0001126\)](#) - *Applications Accepted on a Continuous Basis*

The U.S. Department of Energy SunShot Catalyst is an open innovation program that allows the public to rapidly create and develop products and solutions that address near-term challenges in the U.S. solar marketplace through prize challenges.

TRANSPORTATION

[Transportation Infrastructure Finance and Innovation Act \(TIFIA\) Program](#) – *Applications Accepted on a Continuous Basis*

The U.S. Department of Transportation – Federal Highway Administration provides federal credit assistance in the form of direct loans, loan guarantees, and standby lines of credit to finance surface transportation projects of national and regional significance. Many surface transportation projects - highway, transit, railroad, intermodal freight, and port access - are eligible for assistance.

TRIBAL

****DUE SOON**** [Tribal Energy Development Capacity Grants \(BIA-TEDC-15-FA-0002\)](#) – *Applications due June 19, 2015*

The U.S. Department of Interior aims to conduct studies to assess, develop, and obtain the managerial, organizational and technical capacity needed to develop energy resources on Indian lands and properly accounting for energy resource production and revenues.

****DUE SOON**** [Energy and Mineral Development Grants \(BIA-15-FA-0001\)](#) – *Applications due June 23, 2015*

The U.S. Department of Interior Bureau of Indian Affairs solicits proposals to assess, evaluate, or otherwise promote the processing, use, or development of energy and mineral resources on Indian lands.

VEHICLES

[Notice of Intent – Alternative Fuel and Advanced Vehicle Procurement Aggregating Initiatives \(DE-FOA-0001236\)](#)

The U.S. Department of Energy - Vehicle Technologies Office intends to fund project that develop and implement effective purchasing/procurement processes designed to coordinate and consolidate bulk alternative fuel vehicle and advanced vehicle orders and reduce per-unit prices of commercially-available vehicles.

****DUE SOON**** [Energy Conservation \(DTMA91R1500011\)](#) – *Applications due June 11, 2015*

The U.S. Department of Transportation - Maritime Administration is seeking to further these efforts through a cooperative agreement to demonstrate technology or practices that reduce vessel or port air emissions through use of alternative fuels or energy sources, or enable greater energy efficiency and conservation.

ENERGY FUNDING OPPORTUNITIES

****DUE SOON**** [Marine Vessel Exhaust Gas Cleaning and Selective Catalytic Reduction \(DTMA91R1500012\)](#) – Applications due June 11, 2015

The U.S. Department of Transportation - Maritime Administration is seeking to further these efforts through a cooperative agreement to demonstrate technology or practices that reduce vessel or port air emissions through use of alternative fuels or energy sources, or enable greater energy efficiency and conservation.

WATER

****NEW- DUE SOON**** [National Priorities: Life Cycle Costs of Water Infrastructure Alternatives \(EPA-G2015-ORD-D1\)](#) – Applications July 2, 2015

The U.S. Environmental Protection Agency aims to support research needed to assist communities throughout the United States in evaluating whether to invest in green infrastructure that can improve stormwater management in multiple ways, including reducing the volume of stormwater entering the sewer system to decrease the costs of grey infrastructure updates, and by managing stormwater runoff as a resource, not a waste, to enhance scarce water supplies.

****NEW**** [Chesapeake Bay Program Office - Agriculture and Nonpoint Sources Program Support for the Chesapeake Bay Program Partnership \(EPA-R3-CBP-15-05\)](#) - Applications due July 13, 2015

The U.S. Environmental Protection Agency's - Chesapeake Bay Program Office (CBPO) requests applicants to provide the Chesapeake Bay Program (CBP) partners with a proposal for technical and programmatic support related to implementation of the agricultural and other nonpoint source components of the Chesapeake Bay watershed jurisdictions' watershed implementation plans.

****NEW**** [WaterSMART: Drought Resiliency Project Grants \(R15AS00046\)](#) – Applications for July 25, 2015

The Department of Interior - Drought Response Program aims to support a proactive approach to drought by providing assistance to water users to (1) develop and update comprehensive drought contingency plans Drought Contingency Plans, (2) implement projects that will build long-term resiliency to drought (Drought Resiliency Projects), and (3) implement emergency response actions. Drought Resiliency Projects under this grant will build long-term resiliency to drought and reduce the need for emergency response actions.

WIND

****NEW-DUE SOON**** [Request for Information: Facilitating the Development of the Offshore Wind Industry in the United States \(DE-FOA-0001350\)](#) – Responses due June 22, 2015

The U.S. Department of Energy - Wind and Water Power Technologies Office (WWPTO) request information to gain public input regarding the implementation of the 2011 report, A National Offshore Wind Strategy: Creating an Offshore Wind Energy Industry in the United States, and key challenges currently facing the offshore wind energy community in the United States. Information sought under this RFI is intended to assist the WWPTO in its strategic approach to pursuing the paths forward presented in the 2015 Wind Vision: A New Era for Wind Power in the United States report.

FEDERAL TAX INCENTIVES

[Carbon Dioxide Sequestration Credit](#) – Claims Accepted on a Continuous Basis

Persons or businesses can claim a credit allowed for qualified carbon dioxide that is captured and disposed of or captured, used, and disposed of by the taxpayer in secure geological storage. Only carbon dioxide captured and disposed of or used as a tertiary injectant within the United States or a U.S. possession is taken into account when figuring the credit.

[Federal Alternative Fuel Excise Tax Credit](#)

A tax incentive is available for alternative fuel that is sold for use or used as a fuel to operate a motor vehicle. A tax credit in the amount of \$0.50 per gallon is available for the following alternative fuels: compressed natural gas, liquefied natural gas, liquefied petroleum gas, P-Series fuel, liquid fuel derived from coal through the Fischer-Tropsch process. This incentive originally expired on December 31, 2013, but was retroactively extended through December 31, 2014 by Public Law 113-295.

[Alternative Fuel Infrastructure Tax Credit](#)

Fueling equipment for natural gas, liquefied petroleum gas (propane), electricity, E85, or diesel fuel blends containing a minimum of 20% biodiesel installed through December 31, 2014, is eligible for a tax credit of 30% of the cost, not to exceed \$30,000. Consumers who purchased qualified residential fueling equipment prior to December 31, 2014, may receive a tax credit of up to \$1,000.

ENERGY FUNDING OPPORTUNITIES

ADDITIONAL FEDERAL RESOURCES & DATABASES

[Guide to Federal Financing for Energy Efficiency and Clean Energy Deployment](#)

The U.S. Department of Energy provides a snapshot of federal resources that support such projects and companies and in turn create jobs, spur private investment and invigorate local communities.

[Grants.Gov](#)

Grants.gov is the single access point for programs offered by Federal agencies.

[FedConnect](#)

FedConnect helps over 100,000 vendors and grant applicants, find, respond to and win opportunities for contracts, grants, and other types of assistance funding.

[Funding Opportunity Exchange](#)

A tool created by the U.S. Department of Energy – Energy Efficiency and Renewable Energy program to create, review and manage grant submittals.

[Renewable Energy Request for Proposals](#) - Proposal due Dates Vary

The U.S. Department of Energy posts open solicitations for renewable energy generation, renewable energy certificates, and green power from public and private entities.

PRIVATELY FUNDED OPPORTUNITIES

[Climate Trust](#) – *Proposals accepted on a Continuous Basis*

A nationally-recognized innovator, The Climate Trust simultaneously finances projects and programs in ten states, and develops climate policies and industry standards to accelerate greenhouse gas reductions in eight industrial sectors in the U.S. The Climate Trust also buys and sells carbon dioxide offsets.

[Energy Foundation Grants](#) - *Proposals accepted on a Continuous Basis*

The Energy Foundation awards grants according to initiatives in the electric power, buildings, transportation, and climate sectors

[Freshwater Future Project Grants](#) – *Applications due September 30, 2015*

The Freshwater Future Project Grants Program awards are to be used for grassroots project expenses that promote water resource protection and restoration by influencing community and/or individual behavior or opinions, corporate conduct, and/or public policies; and to strengthen the role of individuals and community groups working locally to protect and restore shorelines, inland lakes, rivers, and wetlands in the Great Lakes Basin.

[Jessie Smith Noyes Foundation](#) - *Proposals accepted on a Continuous Basis*

The Jessie Smith Noyes Foundation supports grassroots organizations and movements in the United States working to change environmental, social, economic and political conditions to bring about a more just, equitable and sustainable world.

[The Joyce Foundation](#) - *Proposals accepted on a Continuous Basis*

The Joyce Foundation aims to protect and restore the health of the Great Lakes and regional waterways, as well as adopt energy efficient measures, is critical to the sustainability of the region

[McKnight Foundation- Midwest Climate and Energy](#) – *Closed Application Process, Invite Required*

The McKnight Foundations support the Midwest as an international model in addressing climate change by reducing heat-trapping emissions in all economic sectors. The program pursues an integrated approach, engaging the region's public and private leaders, decision makers, and communities while aiming to scale up Midwest successes to national and global levels.

[McKnight Foundation- Region and Communities](#) – *Quarterly Deadlines*

The McKnight Foundations aims to increase efficient and sustainable regional metropolitan development that creates livable communities and expands opportunities for all to thrive.

[Oak Foundation](#) – *Letters of Inquiry Accepted on a Continuous Basis*

Oak Foundation commits its resources to address issues of global social and environmental concern, particularly those that have a major impact on the lives of the disadvantaged.

[People for Bikes Community Grants](#) – *Letter of Interest due July 31, 2015*

The PeopleForBikes Community Grant Program provides funding for important and influential projects that leverage federal funding and build momentum for bicycling in communities across the U.S.

[Propane Education Research Council \(PERC\)](#) – *Applications accepted on a Continuous Basis*

- [Propane Energy Pod Builder Incentive](#) - Provides an incentive of up to \$1,500 to qualifying and selected builders who construct homes that follow PERC's Propane Energy Pod model.
- [Propane Farm Incentive Program](#) - Designed to encourage agricultural producers to adopt new propane equipment on their farm, the Propane Farm Incentive Program (formerly the Propane FEED Program) provides a financial incentive to qualifying and selected farmers who purchase select pieces of equipment and agree to share their experience.
- [Propane Heat and Power Incentive Program](#) - This program provides financial incentives of up to \$10,000 toward the purchase and use of combined heat and power (CHP) systems and premium generator sets. In return, participants agree to share their experiences with the PERC.

[Rockefeller Brothers Fund](#) – *Letters of Inquiry Accepted on a Continuous Basis*

The Rockefeller Brothers Fund advances social change that contributes to a more just, sustainable, and peaceful world.

[Surdna Foundation – Sustainable Environment Program](#) – *Letters of Inquiry Accepted on a Continuous Basis*

The Surdna Foundation - Sustainable Environments Program is working to overhaul our country's outdated and crumbling infrastructure with a new approach that will foster healthier, sustainable, and just communities by improving transit systems, making buildings more energy efficient, better managing water systems and rebuild regional food systems.